

PRODUCTION OF POLYHYDROXYALKANOATES

ABSTRACT

Novel transgenic microorganisms capable of biosynthesis of polyhydroxyalkanoate (PHA). Heterologous enzymes involved in PHA biosynthesis, particularly PHA polymerase and acetoacetyl-CoA reductase, are expressed in transgenic prokaryotic and eukaryotic microorganisms. PHA biosynthesis can occur either anaerobically or aerobically.

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